

- THE LOCATION OF EXISTING UNDERGROUND UTILITIES SHOWN ON THESE PLANS IS TAKEN FROM AVAILABLE RECORDS. THERE MAY BE OTHER UTILITIES NOT SHOWN ON THESE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO THE START OF CONSTRUCTION AND SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES IN THE INFORMATION SHOWN ON THESE PLANS. PHRAA DOES NOT CERTIFY TO THE LOCATION OR EXISTENCE OF ANY UNDERGROUND UTILITY SHOWN ON THIS PLAN. THE CONTRACTOR SHALL CONTACT "MISS UTILITY" AT 1-800-552-7001 PRIOR TO COMMENCEMENT OF ANY EXCAVATION.
- DISREGARD ANY NOTES OR DETAILS THAT ARE NOT APPLICABLE TO THIS PROJECT.
- ALL CONSTRUCTION AND MATERIALS FOR BUSINESS ROUTE 7 IMPROVEMENTS, ON-SITE PAVEMENT, TRAVELWAYS, PARKING LOTS, MAINTENANCE OF TRAFFIC AND SIGNAGE SHALL CONFORM TO VIRGINIA DEPARTMENT OF TRANSPORTATION (VDOT) STANDARDS AND SPECIFICATIONS
- ALL LOUDOUN COUNTY HEALTH DEPARTMENT AND VIRGINIA DEPARTMENT OF HEALTH RULES AND REGULATIONS SHALL BE SATISFIED PRIOR TO AND DURING CONSTRUCTION.
- ALL CONSTRUCTION AND MATERIALS FOR WATER SUPPLY AND SANITARY SEWER FACILITIES SHALL CONFORM TO LCSA STANDARDS AND SPECIFICATIONS UNLESS OTHERWISE NOTED ON THESE PLANS.
- ALL EROSION CONTROL DEVICES SHALL BE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH THE "VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK".
- A GRADING PERMIT SHALL BE OBTAINED FROM THE LOUDOUN COUNTY DEPARTMENT OF BUILDING AND DEVELOPMENT PRIOR TO THE START OF ANY GRADING ACTIVITIES.
- LOCATIONS AND/OR ADDITIONAL SIGNAGE AND STRIPING REQUIREMENTS ARE TO BE DETERMINED DURING THE FINAL INSPECTION PROCESS.
- ALL GAS LINES REQUIRE A MINIMUM OF 1 FOOT VERTICAL AND 5 FEET HORIZONTAL SEPARATION. CONSTRUCTION WITHIN 10 FEET OF THE GAS LINE REQUIRES A GAS LINE REPRESENTATIVE TO BE PRESENT DURING CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE TO COORDINATE WITH THE GAS COMPANY PRIOR TO CONSTRUCTION.
- THE CONTRACTOR MUST HAVE THE APPROVED CONSTRUCTION DRAWINGS IN HIS POSSESSION PRIOR TO START OF CONSTRUCTION. AT LEAST ONE (1) COPY OF THE APPROVED PLANS, WITH REVISIONS, MUST BE KEPT ON-SITE AT ALL TIMES.
- TEST HOLES ARE REQUIRED TO DETERMINE THE EXACT LOCATION AND ELEVATION OF EXISTING UTILITIES. CONTRACTOR SHALL BE RESPONSIBLE FOR THE DIGGING OF ALL TEST HOLES PRIOR TO BEGINNING ANY CONSTRUCTION ON THE PROJECT. IF CONFLICTS ARE DISCOVERED AS A RESULT OF THE TEST HOLE FINDINGS, NOTIFY LOUDOUN COUNTY DEPARTMENT OF CONSTRUCTION & WASTE MANAGEMENT AND PATTON HARRIS RUST AND ASSOCIATES IMMEDIATELY.
- REMOVAL OF ANY UNDERGROUND STORAGE TANKS SHALL BE IN CONFORMANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE TO OBTAIN ANY AND ALL FUEL TANK RELATED PERMITS PRIOR TO CONSTRUCTION.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR CLEARING THE SITE TO THE LIMITS SHOWN ON THE DRAWING. THIS WILL INCLUDE, BUT IS NOT LIMITED TO, THE REMOVAL, GRUBBING AND DISPOSAL OF TREES, VEGETATION, ANY EXISTING PAVEMENT, FENCES, BUILDING DEBRIS AND TRASH ON THE SITE. DISPOSAL WILL BE OFF-SITE AND AT THE CONTRACTOR'S EXPENSE. CONTRACTOR SHALL FLAG ALL AREAS OF CLEARING AND GRUBBING FOR APPROVAL.
- ALL DISTURBED RIGHT-OF-WAY MONUMENTS ARE TO BE REPLACED AND VERIFIED BY A CERTIFIED LAND SURVEYOR AT THE CONTRACTOR'S EXPENSE.
- CUT AND FILL SLOPES ARE NOT TO EXCEED 3 - HORIZONTAL TO 1- VERTICAL UNLESS OTHERWISE CALLED FOR ON THE PLANS.
- ALL FINISHED GRADING, SEEDING, SODDING OR PAVING SHALL BE DONE IN SUCH A MANNER TO PRECLUDE THE PONDING OF WATER ON THE SITE, PARTICULARLY ADJACENT TO BUILDINGS AND STORM INLETS.
- WHERE PLANS CALL FOR MATCHING OR ADDING PAVEMENT, THE CONTRACTOR SHALL PROVIDE CUT JOINT AND/OR ASPHALT OVERLAY AS DIRECTED BY VDOT. MILL EXISTING ASPHALT TO LIMITS AS SHOWN ON TYPICAL SECTIONS OR AS DIRECTED BY THE ENGINEER.
- ALL RADI AND DIMENSION LINES ARE TO BE FROM THE FACE OF CURB. ALL SPOT ELEVATIONS ARE TO THE TOP OF CURB UNLESS OTHERWISE SHOWN. ALL RADII ARE 4.5' UNLESS OTHERWISE SHOWN.
- CONTROLLED FILLS:
  - A. CONTROLLED COMPACTION SHALL OCCUR IN ALL FILL SECTIONS FOR BUILDINGS/HOUSE PADS, PAVEMENT, TRENCHES FOR UTILITIES, AND IN OTHER AREAS AS DESIGNATED ON THE DRAWINGS.
  - B. FILL MATERIAL SHALL BE TAKEN FROM APPROVED BORROW AREAS. IT SHALL BE CLEAN SOIL, FREE OF ROOTS, WOODY VEGETATION, OVERSIZED STONES, ROCKS, SANDY SOIL, FROZEN OR OTHER OBJECTIONABLE MATERIAL.
  - C. CONTROLLED FILLS SHALL BE COMPACTED TO 95% DENSITY  $\pm$  2% OF OPTIMUM MOISTURE AS DETERMINED BY METHODS PER STANDARD PROCTOR AASHTO-T99 OR ASTM-D698. DENSITY SHALL BE VERIFIED BY A QUALIFIED SOILS ENGINEER.
  - D. CONTROLLED FILLS SHALL BE COMPACTED IN 8-INCH LIFTS (LOOSE THICKNESS) TO THE SPECIFIED DENSITY. BEGINNING FROM THE EXISTING GROUND SURFACE, UNLESS OTHERWISE APPROVED IN WRITING BY A QUALIFIED SOILS ENGINEER.
  - E. THE SURFACES DIRECTLY BENEATH AREAS TO RECEIVE CONTROLLED FILL ARE TO BE CLEARED, GRUBBED, AND STRIPPED OF TOPSOIL. THE AREA IS THEN TO BE SCARIFIED AND COMPACTED TO A DEPTH OF 6 INCHES TO THE SAME DENSITY AS THE CONTROLLED FILL TO BE PLACED THEREON.
- ALL UTILITIES WHICH WILL BE PLACED UNDER EXISTING STREETS SHALL BE BORED OR JACKED UNLESS OTHERWISE APPROVED BY VDOT.
- POLES AND UTILITIES ARE TO BE RELOCATED PRIOR TO CONSTRUCTION.
- THE CONTRACTOR IS RESPONSIBLE FOR AND BEAR ALL COSTS RELATED TO ANY DAMAGE TO EXISTING ROADS AND UTILITIES WHICH OCCUR AS A RESULT OF THIS CONSTRUCTION PROJECT.
- EXCAVATION SUPPORT SYSTEMS SHALL CONFORM TO THE PROVISIONS OF OSHA CONSTRUCTION STANDARDS. THE CONTRACTOR IS RESPONSIBLE AND SHALL BEAR THE COST OF DESIGN OF SUPPORT SYSTEMS BY A VA PE AND SUBMITTED FOR APPROVAL 30 DAYS PRIOR TO USE OR AS STIPULATED IN CONTRACT DOCUMENTS.
- ALL STORM SEWER PIPE SHALL BE ASTM-C76, CLASS III REINFORCED CONCRETE PIPE UNLESS OTHERWISE NOTED ON PLANS.
- BLASTING IS NOT PERMITTED WITH 25 FEET OF EXISTING LCSA UTILITIES.
- CONTRACTOR SHALL BE RESPONSIBLE FOR AND BEAR ALL COSTS RELATED TO ADJUSTMENTS AND/OR RECONSTRUCTION OF ALL UTILITY COVERS (MANHOLE FRAMES AND COVERS, VALVE BOX COVERS, ETC.) TO MATCH THE FINISHED GRADES OF THE AREAS AFFECTED BY THE CONSTRUCTION.

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Signature of Permittee \_\_\_\_\_ Date \_\_\_\_\_

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